Figure 1 (prior art)

```
110        110        110        110


              130


              120
```
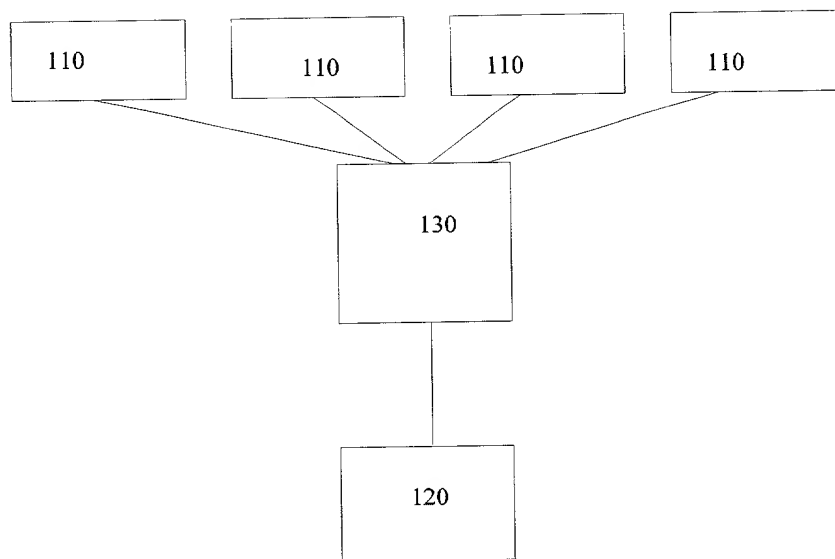
Fig. 2

```
/**
* This object that does something important()
* It does the important something by doing things of lesser importance ———————— 200
* other things also do things
*
*/
double dVariable;
dVariable= 1          // declare a variable and set it to 1
                                                                    200
int nVariable = 1     // comment

210
```
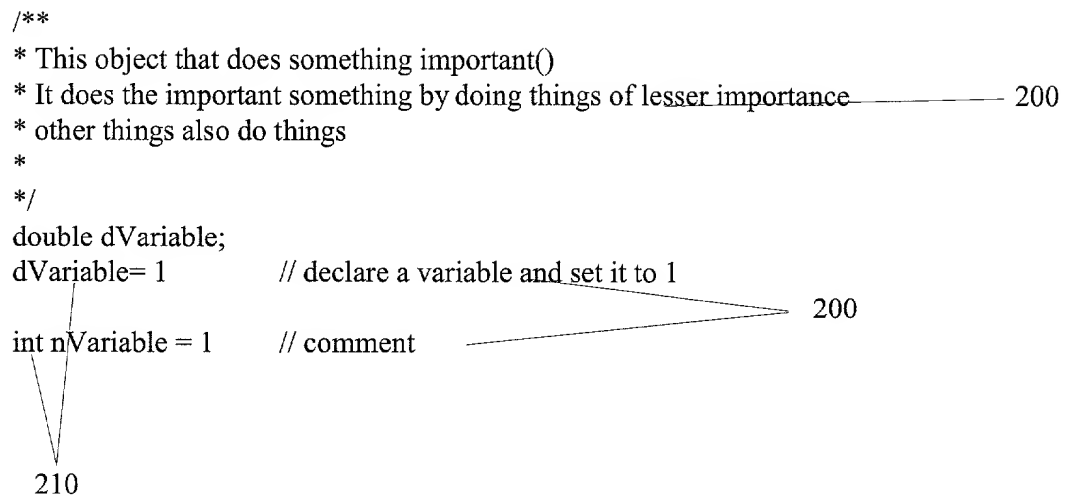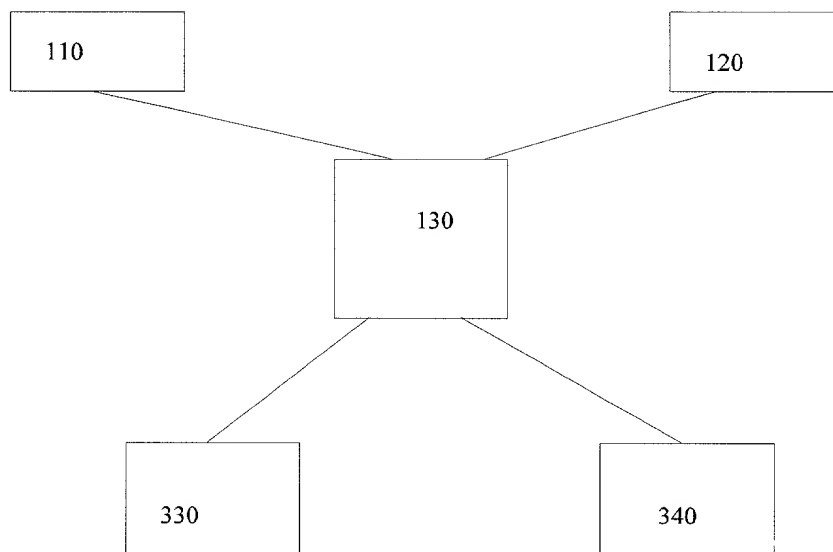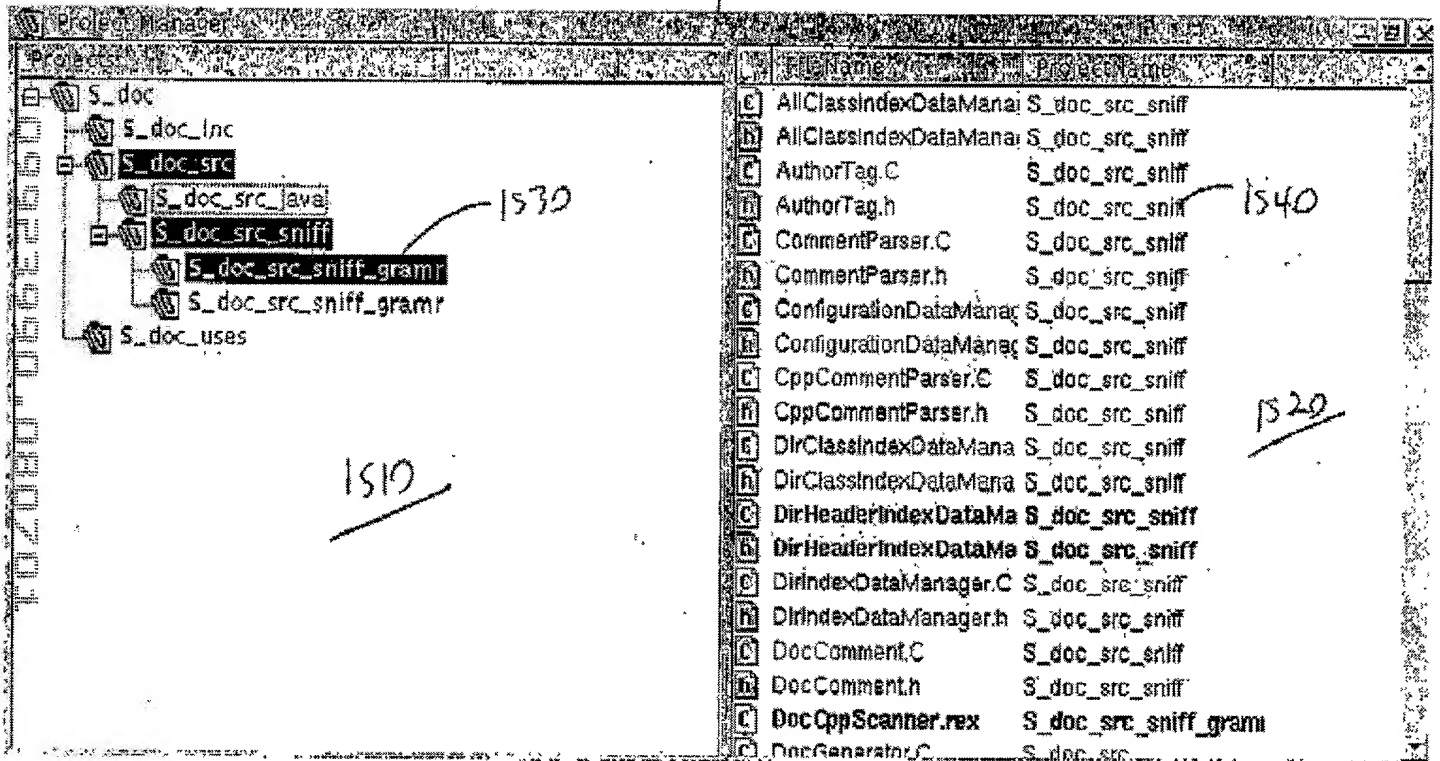
Fig. 3

```
┌─────────┐                        ┌─────────┐
│  110    │                        │   120   │
└────┬────┘                        └────┬────┘
     \                                 /
      \                               /
       \        ┌─────────┐          /
        \───────│   130   │─────────/
                └────┬────┘
               /          \
              /            \
   ┌─────────┐              ┌─────────┐
   │   330   │              │   340   │
   └─────────┘              └─────────┘
```

Fig. 4

Figure 5

1600   1610

Documentation Editor

```
Wrote docu to file: /home/gczech/WS/WORK/sniffng/docu/services/doc/src/sniff/grammarTargets/DirClassIndex.html
Loaded template from file: /home/gczech/WS/WORK/sniffng/config/docprefs/dirheaderindextemplate.html
Wrote docu to file: /home/gczech/WS/WORK/sniffng/docu/services/doc/src/DirHeaderIndex.html
Loaded template from file: /home/gczech/WS/WORK/sniffng/config/docprefs/dirclassindextemplate.html
Wrote docu to file: /home/gczech/WS/WORK/sniffng/docu/services/doc/src/DirClassIndex.html
Loaded template from file: /home/gczech/WS/WORK/sniffng/config/docprefs/dirheaderindextemplate.html
Wrote docu to file: /home/gczech/WS/WORK/sniffng/docu/services/doc/DirHeaderIndex.html
Loaded template from file: /home/gczech/WS/WORK/sniffng/config/docprefs/dirclassindextemplate.html
Wrote docu to file: /home/gczech/WS/WORK/sniffng/docu/services/doc/DirClassIndex.html
Loaded template from file: /home/gczech/WS/WORK/sniffng/config/docprefs/dirheaderindextemplate.html
Wrote docu to file: /home/gczech/WS/WORK/sniffng/docu/services/doc/src/sniff/DirHeaderIndex.html
Loaded template from file: /home/gczech/WS/WORK/sniffng/config/docprefs/dirclassindextemplate.html
Wrote docu to file: /home/gczech/WS/WORK/sniffng/docu/services/doc/src/sniff/DirClassIndex.html
SNiFFdocGenerator finished!
```
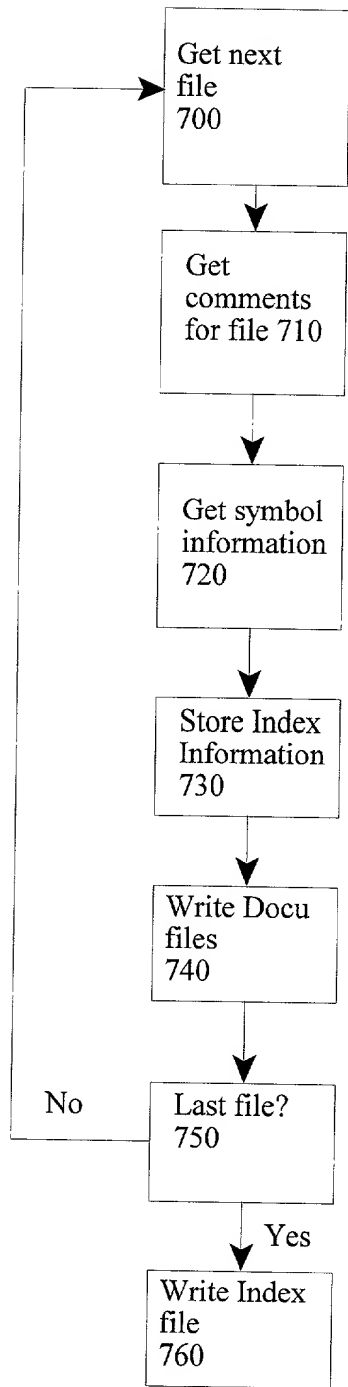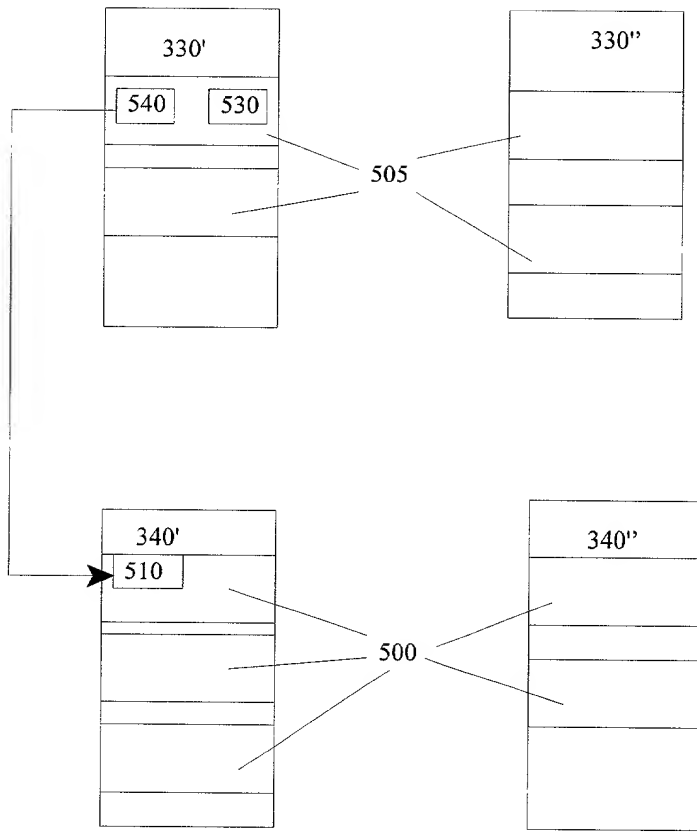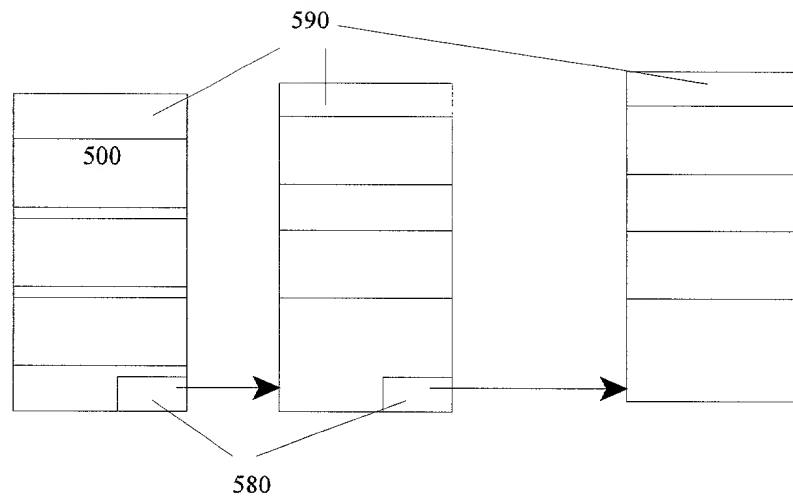
Log **Documentation Editor**

Figure 6

```
        ┌─────────────┐
        │ Get next    │
───────▶│ file        │
│       │ 700         │
│       └─────────────┘
│              │
│              ▼
│       ┌─────────────┐
│       │ Get         │
│       │ comments    │
│       │ for file 710│
│       └─────────────┘
│              │
│              ▼
│       ┌─────────────┐
│       │ Get symbol  │
│       │ information │
│       │ 720         │
│       └─────────────┘
│              │
│              ▼
│       ┌─────────────┐
│       │ Store Index │
│       │ Information │
│       │ 730         │
│       └─────────────┘
│              │
│              ▼
│       ┌─────────────┐
│       │ Write Docu  │
│       │ files       │
│       │ 740         │
│       └─────────────┘
│              │
│              ▼
│    No ┌─────────────┐
└───────│ Last file?  │
        │ 750         │
        └─────────────┘
              │ Yes
              ▼
        ┌─────────────┐
        │ Write Index │
        │ file        │
        │ 760         │
        └─────────────┘
```

Fig. 7

330'			330''
540	530		

505

340'		340''
510		

500

Fig. 8

590

500

580

Fig. 9

Fig. 10